<u>In the Abstract</u>

Please replace the Abstract filed 9/16/02 with the following abstract:

--A single geocoded data layer is created by converting centroid related data to a line by adding or subtracting a distance at a predetermined direction from the centroid to derive an endpoint from the centroid defining the line (taking the form of a radial extending from the centroid). The source of the centroid related data is utilized to determine the direction of the line. The single geocoded data layer allows for one pass searching of geocoded data, and provides a display with more information than a simple match to a point or centroid. The radial display may take any form. Unconfirmed locations in the database may be related only to a centroid, and a display program automatically calculates a radial for display in conjunction with the centroid. The display may be the form of a radial, a radial with notches (representing additional matches), colors, or other shapes, etc.--